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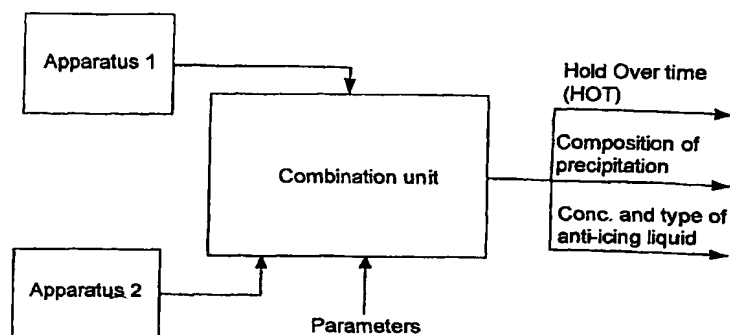
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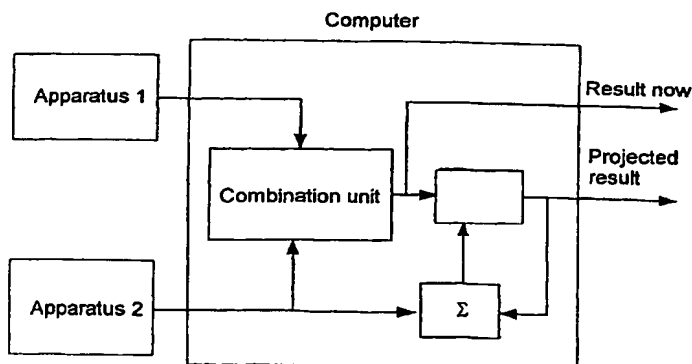
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- (71) Applicant (for all designated States except US): **DALSGAARD NIELSEN APS** [DK/DK]; Holmevej 35, DK-9640 Farsø (DK).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **NIELSEN, Evan** [DK/DK]; Holmevej 35, DK-9640 Farsø (DK).
- (74) Agent: **ZACCO DENMARK A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
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[Continued on next page]

(54) Title: A METHOD OF DETERMINING THE RISK OF ICE DEPOSITION DUE TO PRECIPITATION AND APPARATUS FOR EXERCISING THE METHOD



(57) Abstract: The invention relates to a method and an apparatus for determining the risk of ice deposition due to precipitation. According to the invention the measurements of precipitation known so far are combined with measurements of the actual amount of ice deposited from the precipitation. Said measurements are combined in a combination unit that is able to receive further parameter information, eg the amount and type of anti-icing liquid. Compared to previously a considerably more reliable determination of the risk of ice deposition is accomplished, eg on the wing of an aeroplane applied with anti-icing liquid, and so is reliable determination of the holdover time, HOT, during which one can be sure that the aeroplane is free from ice in the current weather conditions.



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SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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# INTERNATIONAL SEARCH REPORT

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PC 03/00556

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B64D15/20 G01W1/14

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B64D G01W G08B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 613 938 A (SHUBERT WILLIAM K ET AL) 23 September 1986 (1986-09-23) abstract ---	1-24
A	US 5 641 972 A (BRED A JEAN-MARC) 24 June 1997 (1997-06-24) abstract ---	1-24
A	US 6 091 335 A (CHOISNET JOEL ET AL) 18 July 2000 (2000-07-18) abstract ---	1-24
A	WO 00 54078 A (NIELSEN EVAN) 14 September 2000 (2000-09-14) cited in the application abstract -----	1-24

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☒ Patent family members are listed in annex.

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European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

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HENRIK ERIKSSON/JAA

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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